

Notice of Allowability

Application No.

09/816,384

Examiner

John K. Ford

Applicant(s)

SHIROTA ET AL.

Art Unit

3753

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment of May 10, 2004

2. ☒ The allowed claim(s) is/are 2, 5, 6, 9-19.

3. ☒ The drawings filed on 03/26/01 are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☒ Certified copies of the priority documents have been received in Application No. 09/531,383 and its children as detailed on the original declaration.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 11/5/03

4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____

Art Unit: 3753

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

As a preliminary matter the statement deleting inventors (Messrs. Ito and Kameoka) under 37 CFR 1.63(d)(2) and 1.33(b) has been accepted.

The title of the invention has been changed to:

"Automotive Air Conditioner"

The two terminal disclaimers (one for USP 5,755,107 and one for 6,044,656) have been processed and the fees charged. It appears that during the process of scanning the paper file during the process of conversion to electronic format the terminal disclaimer for USP 5,755,107 was not scanned.

In the claims the following changes have been made:

In claim 9, line 31, "a downstream" has been changed back to - - an upstream - -.

In claim 14, line 4, "integrally with" has been changed to - - between - -.

In claim 14, line 4, the comma after "heat exchanger" has been deleted.

Art Unit: 3753

In claim 14, line 5, "is integrated with the expansion valve" has been changed to - - member - -.

In claim 15, line 4, "integrally with" has been changed to - - between - -.

In claim 15, line 4, the comma after "heat exchanger" has been deleted.

In claim 15, line 5, "is integrated with the expansion valve" has been changed to - - member - -.

In claim 16, line 1, "9" has been changed to - - 14 - -.

In claim 16, line 2, "integrated with the heat exchanging portion of the cooling heat exchanger directly" has been deleted.

In claim 16, line 3, "contact" has been changed to - - abuts - -.

In claim 17, line 1, "11" has been changed to - - 15 - -.

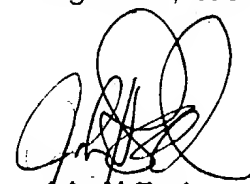
In claim 17, line 2, "integrated with the heat exchanging portion of the cooling heat exchanger directly" has been deleted.

In claim 17, line 3, "contact" has been changed to - - abuts - -.

In claim 18, line 3, "vertical" has been changed to - - perpendicular - -.

In claim 19, line 3, "vertical" has been changed to - - perpendicular - -.

This amendment was authorized by Michael Schmidt on August 30, 2004.



JOHN K. FORD
Primary Examiner